

## Recommendations for installing Mobile Units for Equipment Suppliers

Mobile units providing hospital services shall meet the requirements of Chapter 246-320 WAC regardless of their length of stay. This represents a few common obstacles mobile units have had to overcome to meet the rules. Several items that need special attention are listed below. While each project is unique, specific conditions may arise which must be reviewed on a case-by-case basis. Ensuring that all of the items below are addressed on the drawings

The following is a list of issues that are common and might delay approval of the mobile unit for use at the hospital..

- ❑ Provide 30'-0" of separation between outside air intake and HVAC or generator exhaust. Current mobile units accomplish this by locating the generator and HVAC exhaust at one end of the unit, and air inlets at the opposite end.

*NOTE: The separation of the exhaust to the intake of the mobile unit's HVAC review are slightly less than 30'-0"; however, in our professional opinion, we saw no reason for this to be of concern. The air being exhausted was exhausted at a high velocity and low level. The intake was on an adjacent surface and hooded. The air would be sufficiently diluted by the time it would reach the intake. Also, the air that would re-enter the system would be the same that was exhausted. CRS does not foresee an issue with the current arrangement of intake and exhaust on the units.*

- ❑ If the mobile unit is not sprinklered, the mobile unit shall be sited at least 20-feet from any buildings. Awnings and overhangs are considered a part of a building.
- ❑ Adequate protection shall be provided for utility hook-ups, cables, and wires by having them concealed in conduits, burying them underground, or installing them overhead.
- ❑ At anytime the mobile unit is parked onsite, in the event of a fire, the smoke detector shall be connected to a device that will notify hospital staff outside of the mobile unit. If a fire does occur then staff should be notified immediately to take the appropriate actions.
- ❑ Fire alarm notification may be obtained by one of three ways:
  - Via an auto dialer connected to the smoke detectors;
  - An audible device located on the outside of the mobile unit; or
  - Connection to the hospital fire alarm system.The appropriate device will be determined by site conditions..
- ❑ Provide a means for connecting the mobile unit to the hospital emergency communications (nurse call) system. This may be obtained via telephone.
- ❑ Emergency power is required if the patients are to receive anesthesia or conscious sedation. This should be coordinated with the hospital staff.
- ❑ Housekeeping shall be provided for the mobile unit. Storage of housekeeping supplies may be within the hospital janitor's closet. This should be coordinated with the hospital staff.

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- ❑ When sedation is planned, medical gas may be portable as long as necessary precautions are taken to ensure the safety of the patients. Only non-ferrous cylinders and assemblies shall be stored in mobile units. Storage shall be limited to a maximum of one tank for use and one tank as a spare.
- ❑ A handwash sink shall be available in the mobile unit, or located conveniently inside the hospital. Sanitizing gels are required within the mobile unit when a hand wash sink is located conveniently inside the hospital.
- ❑ When restroom facilities are not provided in the mobile unit, disposable/plastic bedpan and urinal will be available within the mobile unit. Patients shall be reminded to use the restroom before they enter the mobile unit.
- ❑ A concrete pad, constructed per the manufacturer's specifications, shall be installed where the mobile unit will be parked for use at a facility. The concrete pad for the mobile unit does not need to be reviewed or inspected by the Department of Health.
- ❑ A non-ferrous fire extinguisher shall be provided within mobile MRI units. Ferrous fire extinguishers shall not be allowed within the mobile unit.
- ❑ If used by inpatients, the mobile unit must be able to accommodate a stretcher or a gurney.
- ❑ All interior finishes and surfaces shall be easily cleanable and maintainable.
- ❑ Radiographic, fluoroscopic, CT and x-ray therapy devices must obtain approval from DOH Division of Radiation Protection. For submission requirements contact Radiation Protection at 1-800-299-9729. Please include your CRS # on your submission to Radiation Protection. CRS must obtain a copy of the radiation approval letter before mobile unit approval can be given.

*“Construction Review Services protects and improves the health and safety of people in Washington by providing professional consultation and review for the design and construction of licensed or certified care facilities for our customers.”*

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